

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/576,000
Source: 1FWO
Date Processed by STIC: 1/30/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/576,000

CRF Edit Date: 1/30/07
Edited by: AC

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

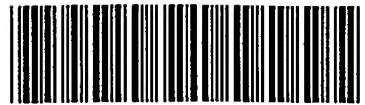
— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text ; page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,000

DATE: 01/30/2007
TIME: 10:37:21

Input Set : N:\AMC\PTO.AMC.txt
Output Set: N:\CRF4\01302007\J576000.raw

3 <110> APPLICANT: ATGC GENE TECHNOLOGY COMPANY LTD.
5 <120> TITLE OF INVENTION: Method for large-scale production, isolation, purification
of multiple

6 serotype recombinant adeno-associated virus vectors and uses thereof

8 <130> FILE REFERENCE: PF030071PCT

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/576,000

C--> 10 <141> CURRENT FILING DATE: 2006-04-17

10 <160> NUMBER OF SEQ ID NOS: 15

12 <170> SOFTWARE: PatentIn version 3.1

14 <210> SEQ ID NO: 1

15 <211> LENGTH: 4347

16 <212> TYPE: DNA

17 <213> ORGANISM: artificial

19 <220> FEATURE:

20 <223> OTHER INFORMATION: rep2cap1

22 <400> SEQUENCE: 1

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183 gaacgcgcag ccgcattgcc ggggtttac gagattgtga ttaaggtccc cagcgaccc 180
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189 gccgagaagc tgcagcgcga ctttctgacg gaatggcgcc gtgtgagtaa ggccccggag 360
191 gccctttct ttgtgcaatt tgagaaggaa gagagctact tccacatgca cgtgctcg 420
193 gaaaccaccg gggtaaaatc catggtttg ggacgtttcc tgagtcagat tcgcgaaaaa 480
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391	cgtcacgtgg	gtatgaatct	gatgtttt	ccctgccc	aatgcgagag	aatgaatcag	1800
393	aatgtggaca	tttgc	tacacgggtc	atggactgt	ccgagtgc	ccccgtgtca	1860
395	gaatctcaac	ccgtgtctgt	cgtcagaaag	cggacgtatc	agaaactgt	tccgattcat	1920
397	cacatcatgg	ggagggcgcc	cgaggtggcc	tgctcg	gcaactggc	caatgtggac	1980
399	ttggatgact	gtgacatgga	acaataaaatg	actcaaacc	gatatgact	acggttac	2040
401	tccagattgg	ctagaggaca	acctctctg	aggcg	gagtgg	cgctgcaacc	2100
403	tggagcc	aaacccaa	caaataaca	acatcaggac	aacgctc	gtcttgc	2160
405	tccgggttac	aaatacctcg	gaccggc	cgactcgac	aagggg	ccgtcaacgc	2220
407	agcggac	gcagccctcg	agcacgac	ggcctac	cagcag	aggccgt	2280
409	caacc	cctac	ctcaagtaca	accacg	cgcgg	tcagggc	2340
411	cacatcg	ttt	ggggcaacc	tcggcagac	agtcttcc	gcca	2400
413	acctt	ttgtt	gagc	aacgggt	gacg	ggaaaga	2460
415	tgaatcccc	cagcagcc	actcctcc	gggtat	ggaa	agcagcc	2520
417	taaaaaga	ctcg	tttgc	aagacgaa	tggagc	gacgg	2580
419	aacttcc	gg	gccatgtct	atgac	gatgc	gcag	2640
421	cgagggc	gg	caaggtgc	atgg	gat	gtgat	2700
423	cac	cttgc	tttgc	gagggc	tcac	gac	2760
425	caacaacc	ct	tacaa	actcg	gac	tccaa	2820
427	ctccac	cccc	tgggata	ttgactt	ccg	tgc	2880
429	ctggc	agc	gca	acttgg	cgac	ccatgc	2940
431	cttca	acatc	cagg	tcagg	gtcg	aaagccat	3000
433	ccttacc	acc	cggtt	caga	tcttgc	gagaca	3060
435	tgcgg	gtca	gaggc	gagc	tccaa	acgac	3120
437	cgc	tact	gt	gacttgg	ccgg	caga	3180
439	ctact	gc	tg	tgactt	cc	actgc	3240
441	gtac	at	ttt	gagaagg	tttcc	act	3300
443	gctg	at	ttt	gat	act	gtgat	3360
445	cacc	ctga	at	ggacttgg	ccacc	acc	3420
447	caactt	aaa	aaga	acttgg	tttac	ccat	3480
449	tgcc	aa	aact	acaaga	tcc	tgc	3540
451	gcac	ac	ctgg	acggaa	tat	ccat	3600
453	tggac	ct	gac	gac	tttgc	gggc	3660
455	cg	caac	ac	ccgg	atc	tctg	3720
457	cacca	ac	ccg	atacg	gat	agg	3780
459	caac	ct	ccg	ac	tttgc	ggcc	3840
461	aaac	ag	at	tttact	ccat	atc	3900

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/30/2007
PATENT APPLICATION: US/10/576,000 TIME: 10:37:22

Input Set : N:\AMC\PTO.AMC.txt
Output Set: N:\CRF4\01302007\J576000.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,000

DATE: 01/30/2007

TIME: 10:37:22

Input Set : N:\AMC\PTO.AMC.txt

Output Set: N:\CRF4\01302007\J576000.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,000

DATE: 01/25/2007
TIME: 12:08:18

Input Set : F:\sequence.as.filed.txt
Output Set: N:\CRF4\01252007\J576000.raw

3 <110> APPLICANT: ATGC GENE TECHNOLOGY COMPANY LTD.
5 <120> TITLE OF INVENTION: Method for large-scale production, isolation, purification
of multiple
6 serotype recombinant adeno-associated virus vectors and uses thereof
8 <130> FILE REFERENCE: PFO30071PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/576,000
C--> 10 <141> CURRENT FILING DATE: 2006-04-17
10 <160> NUMBER OF SEQ ID NOS: 15
12 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

900 <210> SEQ ID NO: 15
901 <211> LENGTH: 24
902 <212> TYPE: DNA
903 <213> ORGANISM: artificial
905 <220> FEATURE:
906 <223> OTHER INFORMATION: downstream primer for cap6 of AAV6
908 <400> SEQUENCE: 15
909 tcttagacaca caattacagg ggac

24

E--> 913 15 Pct/cn2003/000861
E--> 915 J:\ZLO\102\sequence.as.filed.txt/DBN/amh

*Does Not Comply
Corrected Diskette Needed*

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/25/2007
PATENT APPLICATION: US/10/576,000 TIME: 12:08:20

Input Set : F:\sequence.as.filed.txt
Output Set: N:\CRF4\01252007\J576000.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,000

DATE: 01/25/2007

TIME: 12:08:20

Input Set : F:\sequence.as.filed.txt
Output Set: N:\CRF4\01252007\J576000.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:913 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:15
L:913 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:15
L:913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:24
L:913 M:254 E: No. of Bases conflict, LENGTH:Input:861 Counted:31 SEQ:15
L:913 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:9
L:913 M:112 C: (48) String data converted to lower case,
L:915 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:915 M:252 E: No. of Seq. differs, <211> LENGTH:Input:24 Found:31 SEQ:15